

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

10191/4008

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO  
PCT/DE03/02242INTERNATIONAL FILING DATE  
04 July 2003  
(04.07.03)

U.S. APPLICATION NO. 10/521674

PRIORITY DATE CLAIMED:  
27 July 2002  
(27.07.02)TITLE OF INVENTION  
GAS SENSOR

APPLICANT(S) FOR DO/EO/US

WEYL, Helmut; WILDE, Juergen; PESCH, Andreas

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: International Search Report (translated) and PCT/RO/101.

EV 32302023645

|  |                     |   |             |   |           |
|--|---------------------|---|-------------|---|-----------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.55) <b>107521674</b>  |                     | INTERNATIONAL APPLICATION NO. <b>PCT/DE03/02242</b> |             | ATTORNEY'S DOCKET NUMBER<br><b>10191/4008</b> |           |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |                     |   |             | <b>CALCULATIONS PTO USE ONLY</b>              |           |
| <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>  |                     | <b>\$300.00</b>                                     |             |   |           |
| <b>NATIONAL SEARCH FEE:</b>  |                     | <b>\$500.00</b>                                     |             |   |           |
| <b>NATIONAL STAGE EXAMINATION FEE:</b>   |                     | <b>\$200.00</b>                                     |             |   |           |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |                     |   |             | <b>\$1000.00</b>                              |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |                     |   |             | <b>\$</b>                                     |           |
| <b>CLAIMS</b>  | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b>                                 | <b>RATE</b> |   |           |
| Total Claims   | 16 - 20 =           | 0   | X \$50.00   | \$ 0  |           |
| Independent Claims   | 1 - 3 =             | 0   | X \$200.00  | \$ 0  |           |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                     |   | + \$360.00  | \$  |           |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     |   |             | <b>\$1000.00</b>                              |           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                     |   |             | <b>\$</b>                                     |           |
| <b>SUBTOTAL =</b>  |                     |   |             | <b>\$1000.00</b>                              |           |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |                     |   |             | <b>\$</b>                                     |           |
| <b>TOTAL NATIONAL FEE =</b>  |                     |   |             | <b>\$1000.00</b>                              |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |                     |   |             | <b>\$</b>                                     |           |
| <b>TOTAL FEES ENCLOSED =</b>   |                     |   |             | <b>\$1000.00</b>                              |           |
|  |                     |   |             | <b>Amount to be refunded:</b>                 | <b>\$</b> |
|  |                     |   |             | <b>charged</b>                                | <b>\$</b> |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>11-0600</b> in the amount of <b>\$1000.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>11-0600</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> |                     |   |             |   |           |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>   |                     |   |             |   |           |
| <p>SEND ALL CORRESPONDENCE TO:</p> <p>KENYON &amp; KENYON<br/>One Broadway<br/>New York, New York 10004<br/>CUSTOMER NO. 26646</p>   |                     |   |             |   |           |
| <p><b>SIGNATURE</b><br/>Richard L. Mayer (Reg. No. 22,490)</p> <p><b>NAME</b><br/>11/18/05</p> <p><b>DATE</b></p>  |                     |   |             |   |           |